

# MEMO

To the Faculty and Staff of Mississippi State University

May 30, 2006

Volume 30

Issue 34

## Shim wins MSU's prestigious Powe research award

An authority on digital multimedia broadcasting is the winner of the university's 2006 Ralph E. Powe Research Excellence Award.

Dr. Jung P. Shim, a professor of management and information systems, received the award during recent annual spring research awards banquet.

Named in honor of the former MSU research vice president who died in 1996, the Powe award annually recognizes faculty researchers making significant contributions to the economic welfare or cultural growth of the university, state and nation.

"His ability to define and then follow a vision in a rapidly changing field of information technology is demonstrated by his capacity to identify important new technological trends," current research vice president Colin Scanes said of Shim.

"To this end, his work in the area of digital multimedia broadcast stands out as pioneering and he is regarded as a leading authority on the subject," Scanes added in presenting the award.

Digital multimedia broadcasting is a digital transmission system for sending data, radio and television to mobile devices such as mobile phones. It can operate via satellite or through terrestrial transmission.

Shim, who has co-authored four textbooks and more than 50 research articles, focuses much of his research on electronic business and mobile commerce technology. He has lectured frequently in the United States and his native South Korea, as well as the United Kingdom, France, Kuwait, Hong Kong, Greece, Taiwan, and Japan.

Shim is a past winner of the university's Outstanding Faculty Award, Outstanding Research Award, Outstanding Service Award, Award for Excellence in Research, and the John Grisham Faculty Excellence Award. He holds a doctorate from the University of

Nebraska-Lincoln.

Other faculty and staff members were presented research awards during the banquet. They include:

College of Agriculture and Life Sciences and the Mississippi Agricultural and Forestry Experiment Station: Faculty Research Award, William Kingery, professor, plant and soil sciences; and the Research Support Staff Award, Eugene Columbus, senior research associate, agriculture and biological engineering.

College of Forest Resources: Faculty

Research Award, Stephen Grado, professor, forestry; and Research Support Staff Award, Curt Collins, research associate I, forestry.

College of Veterinary Medicine: Faculty Research Award, Shane Burgess, associate professor, basic science; and Research Support Staff Award, Michael Dewberry, research program manager, basic science.

College of Architecture, Art and Design: Faculty Research Award, Rebecca Davis-Kelly, assistant professor; and Research Support Staff Award, Sarah Pittman, project coordinator.

College of Arts and Sciences:



Shim

*Continued on page 2*

## Promise Awards to provide student support

President Robert H. "Doc" Foglesong has announced a new university initiative to provide support for incoming freshmen whose family incomes can't accommodate rising tuition.

Mississippi State Promise Awards are being established for students meeting required academic qualifications and whose family incomes fall below \$30,000. The program also provides campus work opportunities to help offset other non-tuition costs.

"Mississippi State Promise will provide financial awards for those students who can't meet the expense of rising tuition," Foglesong explained. The program will cover the cost of tuition and required fees.

Foglesong said ensuring access to a Mississippi State education is an important personal goal. "We are trying to provide in a modest way the resources to help young men and women who have been squeezed out by tuition," he added.

Qualifying students must have achieved at least a 3.0 (out of 4.0) grade-point average in high school. They also must maintain at least a 2.5 MSU grade-point average to remain eligible. Full-time students may receive the Promise Award for a maximum of five years.

To fund the awards, MSU will draw on institutional grant funding, in conjunction with federal and state grants and private gifts, said Dr. Bill Kibler, vice president for student affairs.

"We'll also make use of other institutional scholarships and waivers to ensure that the entire cost of tuition and required fees is covered with student gift aid," he said.

"We're doing this because it's the right thing to do," Foglesong said. "I'm confident we'll be able to take a bite out of the burden on some families."



## New leadership program to honor 'Mr. Veteran'

A new student leadership development program at Mississippi State will honor alumnus G.V. "Sonny" Montgomery, President Robert H. "Doc" Foglesong announced recently.

"The entire Mississippi State University family grieves at the loss of one of our most distinguished alumni," Foglesong said.

Foglesong said the Appalachian Leadership Honors Program being launched this fall is being named for the 15-term U.S. congressman from Lauderdale County. Montgomery, a 1943 business graduate, retired in 1996 from a public service career that also included election to the Mississippi Senate.

The campus program is being developed in a partnership with other universities across the Appalachian region and will be formally designated as the Sonny Montgomery Chapter.

"There is no more fitting example of leadership and character to represent the ideals of this program," said Foglesong, a longtime Montgomery friend.

To be housed in the Division of Student

Affairs, the program will identify and support students as emerging leaders.

"Our goal is to provide a foundation in character development and leadership skills through hands-on mentoring and instruction," Foglesong said. The skills "are essential in preparing the next generation of business, political and academic leaders," he added.

An inaugural class of 20 second-year and 10 third-year students will be selected by October. They also will participate in the selection of future members.

Carrying the title of honor fellows, the students will work regularly with assigned mentors and participate in ongoing leadership seminars. Each also will be actively involved in various campus and community service activities.

First elected to the U.S. House of Representatives in 1966, Montgomery held office through the terms of seven presidents. He won national acclaim for his leadership in passing 1988 legislation that extended benefits—especially educational—of the original 1947 G.I. bill legislation.

As a sign of their respect for his efforts, congressional colleagues designated the benefits package as the Montgomery G.I. Bill. It also helped cement his Capitol Hill honorary title of "Mr. Veteran."

A former student association president at Mississippi State, Montgomery also devoted three decades of his life to military service that included active duty in World War II and the Korean Conflict. He retired from the Mississippi Army National Guard with the rank of major general.

For more information about the Appalachian Leadership Honors Program/Sonny Montgomery Chapter, telephone the Office of the Vice President for Student Affairs at 325-3045, or the Dean of Students' Office at 325-3611.

### Awards—continued from page 1

Faculty Research Award, Mark Novotny, professor and department head, physics and astronomy; and Research Support Staff Award, Debbie Beard, manager and instructor, chemistry.

College of Business and Industry: Faculty Research Award, Kartono Liano, professor, finance and economics.

College of Education: Faculty Research Award, Jason Bahr, assistant professor, music education; and Research Support Staff Award, Karen Bateman, accounting assistant III, instructional systems, leadership and workforce development.

Bagley College of Engineering: Faculty Research Award, Sergio Felicelli, associate professor, mechanical engineering; and Research Support Staff Award, David Oglesby, research associate II, Center for Advanced Vehicular Systems.

Office of Research: Research Support Staff Award, Robyn Remotigue, program administrator, sponsored programs administration.

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Mississippi State University complies with all applicable laws regarding affirmative action and equal opportunity in all its activities and programs and does not discriminate against anyone protected by law because of age, color, disability, national origin, race, religion, sex, handicap, or status as a veteran or disabled veteran.

## Forestry 'movers, shakers' to star at show

Machines and technology that keep the South's forest industry booming will be on display June 2 and 3 at the 2006 Mid-South Forestry Equipment Show.

The biannual demonstration of new timber harvest and production equipment takes place seven miles south of Starkville on state Highway 25. The site adjoins an entrance road to Mississippi State's John W. Starr Memorial Forest.

Now in its 22nd year, the public event is co-sponsored by the College of Forest Resources and Montgomery, Ala.-based Hatton-Brown Publishers Inc., in cooperation with the Mississippi Forestry and Mississippi Loggers associations.

"The Mid-South Forestry Equipment Show is the nation's oldest, continuous in-woods equipment demonstration and, with 18 live exhibitors this year, the biggest," said Charles Burkhardt, show director and school forest supervisor. "We also are extremely proud that our partnership with Hatton-Brown has elevated the show to a regional event."

The latest models of bulldozers, fire plows, log loaders, skidders, and other heavy equipment will be operating in a variety of timber types and stand conditions. Manufacturers and dealers will be on hand as timber industry professionals test their skills in various competitive events, including the popular Prentice Loader Championship.

The loader contest originated in 1972 and has been conducted annually at various venues throughout the eastern United States. In a timed challenge rewarded with prizes and/or cash, contestants must successfully remove vertical log blocks from a "checkerboard" and then return them to their original squares.

For overnight visitors, an MSU-operated recreational vehicle park adjoins the show area. For more details, contact Burkhardt at 325-2191 or [cburkhardt@cfr.msstate.edu](mailto:cburkhardt@cfr.msstate.edu).



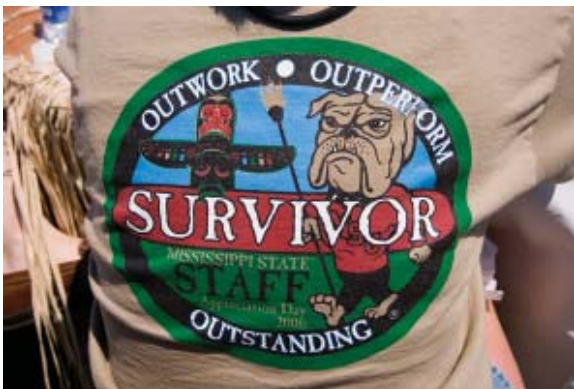
# STAFF APPRECIATION DAY



MSU police officers Terry Wheeler (l) and Marcelo Mango find time for more than crime fighting.



"Survivors" Ronda Wilborn (l-r), Wendy Dandass and Bobbie White get ready to enjoy plates of tasty barbecue.



Willie Gregory tries her skill at the swamp toss.



Mabel Bartlett (l) and Joanne Cotton brought their own shade to the Drill Field.



## Calendar of Events

Send your calendar items to

Kay Fike Jones, 102 George Hall; Mail Stop 9512; FAX 325-7455; e-mail jonesk@ur.msstate.edu at least **TWO WEEKS** in advance. For updates, check [www.msstate.edu](http://www.msstate.edu) and click on "Calendar of Events."

To list calendar events online, access [www.ur.msstate.edu/news/today.asp](http://www.ur.msstate.edu/news/today.asp) and follow the instructions.

### May 30

Orientation and registration for summer school.

### 31

Classes begin.

### June 2 and 3

Mid-South Forestry Equipment Show, Highway 25, 8 a.m. 325-2191. (See story page 2)

### 2

June Jam NBHA Super Show Barrel Race, Mississippi Horse Park, 3 p.m. 325-9350.

### 3

June Jam NBHA Super Show Barrel Race, Mississippi Horse Park, 9 a.m. 325-9350.

### 4

June Jam NBHA Super Show Barrel Race, Mississippi Horse Park, 8:30 a.m. 325-9350.

### 8

Orientation for transfer students, 8 a.m. 325-2224.

### 9 and 10

Orientation for freshmen, 8 a.m. 325-2224.

### 15 and 16

Orientation for freshmen, 8 a.m. 325-2224.



### 17 and 18

United State Team Penning Association, Mississippi Horse Park, 8 a.m. 325-9350.

### 19

Orientation for transfer students, 8 a.m. 325-2224.

### 23 and 24

Orientation for freshmen, 8 a.m. 325-2224.

Professional Bull Riders Enterprise Tour, Mississippi Horse Park, 8 p.m. 325-9350.

### 28

First summer term classes end.

### 29 and 30

Final exams.

### July 4

University holiday.

### 7-9

Team Josey Barrel Racing Clinic, Mississippi Horse Park, 325-9350.

## Hybrid SUV may get great gas mileage

Mississippi State engineering majors are transforming a 2005 sport utility vehicle into a diesel-electric hybrid automobile they hope will get 35 miles to a gallon of gas when it's ready to roll.

The students are members of the university's Challenge X team, which is in the middle of a three-year national competition to see who can best explore and develop advanced vehicle technologies that address important energy and environmental issues.

The MSU group is among 17 teams from colleges and universities across the country that are re-engineering 2005 Chevrolet Equinox sport utility vehicles to minimize energy consumption, emissions and greenhouse gases while maintaining utility and performance.

The Equinox is a so-called "crossover" model built by General Motors Corp., which donated all the Challenge X vehicles.

"During the past two years of the competition, MSU students have devoted countless hours to designing the vehicle and are now bringing an operating hybrid to fruition," said faculty adviser Marshall Molen.

The collegiate teams—including a 10-member contingent from MSU—will gather in Mesa, Ariz., May 30-June 8 to compete in the second of three national Challenge X events. The competition presents real-world challenges to the students, while providing new ideas that could significantly alter the future of vehicle design.

"The students will have an opportunity to demonstrate how well their vehicle per-

forms," added Molen, a power electronics research professor at the university's Center for Advanced Vehicular Systems that is supporting the students' efforts.

The MSU team has designed a diesel-electric, parallel hybrid vehicle that has an internal combustion engine running the front wheels and an electric motor running the rear wheels. The diesel engine runs on B-20 biodiesel, causing fewer emissions.

Each participating team receives \$10,000 in seed money and is eligible to collect up to \$25,000 in additional production parts from GM. Award money up for grabs at the second-year competition totals more than \$90,000.

Memo is published for the faculty and staff of Mississippi State University by the Office of University Relations. It is published weekly during the fall and spring semesters and twice a month during the summer. It also is available on the Web at [msuinfo.ur.msstate.edu/msu\\_memo/](http://msuinfo.ur.msstate.edu/msu_memo/). Editorial material should be sent to Kay Fike Jones, Mail Stop 9512, or via e-mail to [jonesk@ur.msstate.edu](mailto:jonesk@ur.msstate.edu).

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